Overview of recommended Option 3 – Community projects, except Oakdale and Lake Elmo are supplied by SPRWS, with a treatment threshold of HI > 0.5 and GAC

Key Characteristics

- Treatment to a threshold of HI > 0.5 using GAC
- Funding of public water system O&M for approximately 21 years
- Funding of private well O&M for over 100 years
- Funding for protecting a sustainable water supply into the future
- Oakdale and Lake Elmo are supplied by SPRWS to ensure future water supply
- Drinking water source remains groundwater

Initial Capital Elements

2,062 homes with new connections to municipal public water systems
A total of 236 private wells with POETS (of these, 98 are new wells)
3 new public wells built (1 of these replaces a contaminated well)
6 new treatment plants with a capacity of 23,580 gpm
24 existing and proposed public wells receiving treatment
74.6 miles of water mains

Why Select this Option?

- HI > 0.5 provides a resiliency to potentially lower HRL/HBV PFAS values or changing levels of contamination in the future
- Communities will bear a lesser cost to continue treatment below HI > 1 once Settlement funds are depleted than they would under recommended Option 2 (HI > 0.3)
- Enables a proactive solution for alternate sources of water for Lake Elmo and Oakdale

PFAS-Eligible Costs

- Initial capital costs $299.1 million
- O&M costs for public water systems $161 million
- O&M costs for private wells $19 million
- Capital costs for potential additional neighborhood hookups $41 million
- Future contingency for HBV/HRL and plume movement, and cost overruns $28 million
- Drinking water protection $70 million
- Sustainability and conservation $60 million
- State administration $22 million

Percent of $700 million
Community elements of recommended Option 3 – Community projects, except Oakdale and Lake Elmo are supplied by SPRWS, with a treatment threshold of HI > 0.5 and GAC

Option 3

1. Supply private wells with POETS if over threshold
2. Treat 8 of 12 existing public wells
   - Replace 2 existing public wells with 1 new public well
   - 2 new treatment plants
   - Connect 57 homes
   - Supply other private wells with POETS if over threshold
3. Connection to SPRWS
   - Connect 257 homes
   - Supply other private wells with POETS if over threshold
4. Connect 453 homes
   - Supply other private wells with POETS if over threshold
5. Interconnect with Woodbury
   - Connect 9 homes
   - Supply other private wells with POETS if over threshold
6. Connection to SPRWS
   - Connect 58 homes
   - Supply other private wells with POETS if over threshold
7. Treat 1 existing public well
   - 1 new treatment plant
8. Treat 3 of 3 public wells
   - 1 new treatment plant
   - Connect 28 homes
   - Supply other private wells with POETS if over threshold
9. 2 new public wells
   - 1 new treatment plant
   - Connect 1,190 homes to new distribution system
10. Interconnect with Newport
    - Treat 14 of 19 existing public wells
       - 1 new treatment plant
       - Supply other private wells with POETS if over threshold